

Joe Renteria

CAD | 3D Printing | Ardupilot/PX4 | Prototyping
Arduino/C++ | PCB | 3D Modeling/Animation

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EXPERIENCE

Electron Flight LLC

Founder | MAY 2021 - PRESENT

Building a startup centered around a unique propulsion system for eVTOL applications. This simplified tilt-rotor system accomplishes both nacelle actuation and blade pitch actuation simply by reversing the drive motor.

McLane Foodservice

Driver/Trainer | DEC 2007 - MAY 2021

Warehousing and distribution company. More than 13 great years here.

LINKS

[Linkedin.com/joerenteria](https://www.linkedin.com/joerenteria)

[Github.com/joerenteria](https://github.com/joerenteria)

[Joerenteria.com](https://joerenteria.com)

[Electronflight.com](https://electronflight.com)

[Twitter.com/electronflight](https://twitter.com/electronflight)

EDUCATION

Flatiron School, TX — *Software Engineering*

JUNE 2021 - OCTOBER 2021

Learned full stack web development, Javascript, React, Ruby and Rails.

Cal State Fullerton University, CA — *BA Radio/TV/Film*

JANUARY 2005 - JUNE 2007

Studied film production and writing for film. Was enrolled in 18 units during my entire time there while maintaining an "A" average.

Mt San Jacinto Community College, CA — *AA Multimedia*

MONTH 1998 - MONTH 2001

Studied a variety of visual design software packages, focused mainly on 3D modeling and animation for visual effect in film including MAYA.

SKILLS

CAD (Fusion 360)
3D Modeling/
Animation/Rendering
Rapid Prototyping
Electrical/Electronic
Fabrication
PCB design
3D Printing
Arduino
Ardupilot/PX4
Drone Fabrication/Piloting
Patent/Technical Writing
HTML, CSS, Javascript, React,
Ruby, Rails
Adobe Photoshop
Adobe Premiere

PATENTS

Dual state propulsion system
(Pending)

**Aircraft with linear thruster
arrangement** (Issued)

LANGUAGES

English, some Spanish.